

Notice of Allowability

Application No.

10/650,020

Examiner

Robert Shiao

Applicant(s)

YANG ET AL.

Art Unit

1626

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to January 18, 2005.
2. ☒ The allowed claim(s) is/are 1, 5-8, now are 1-5.
3. ☒ The drawings filed on 28 August 2003 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

1. Amendment of claims 1 and 8, and cancellation of claims 2-4 in the amendment filed on January 18, 2005, is acknowledged. Claims 1 and 5-8 are pending in the application.

Responses to Amendment

2. Since limitation "R³, R⁴ and N form a cycle or a heterocycle" has been incorporated into claim 1, therefore, rejection of claims 1 and 5-8 under 35 U.S.C. 112, first paragraph, has been overcome in the amendment filed on January 18, 2005. Since claims 2-4 have been cancelled, therefore, rejection of claims 2-4 under 35 U.S.C. 112, first paragraph or second paragraph, is obviated herein.

3. Since the variable R⁶ of formula (II) only represents hydrogen, therefore, rejection of claims 1 and 5-8 under 35 U.S.C. 102(b), has been overcome in the amendment filed on January 18, 2005. Since claims 2-4 have been cancelled, therefore, rejection of claims 2-4 under 35 U.S.C. 102(b), is obviated herein.

EXAMINER'S AMENDMENT

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview

with Charles E. Baxley on March 22, 2005. The application has been amended as follows:

In claim 1, line 4, after "II" delete ")," and insert
--R¹ is aryl or alkyl of C1-C9;--

Reasons for Allowance

5. The following is an examiner's statement of reasons for allowance:

Claims 1 and 5-8 are neither anticipated nor rendered obvious over the art of record, and therefore are allowable. This invention relates to acylated aminothiols compound. The closest reference is Kang et al. publication, Bulletin of the Korean Chemical Society (1996), 17(12), 1135-1142, see CAS: 126:131036, discloses chiral beta-amino thiol catalysts for the enantioselective addition of diethylzinc to aldehydes. The difference between instant claims and Kang et al. is that the instant compounds of formula (II) are not found in the reference. Suggestion for modification of above reference to obtain the instant compounds, has not been found. Claims 1, 5-8 are allowed.


Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusions

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robert Shiao whose telephone number is (571) 272-0707. The examiner can normally be reached on 8:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Joseph K. McKane can be reached on (571) 272-0699. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Robert Shiao, Ph.D.
Patent Examiner
Art Unit 1626

March 22, 2005


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3/23/05